Draft Outdoor Air Analytical Results Fruitland Magnesium Fire

Table 2

				Maywood, Los	Angeles County, Californ	ia					
	Home:	Ex. 6 - Personal Privacy									
	Field Sample ID:	MWF-METALS-001 / MWF-HCN-001	MWF-METALS-002 / MWF-HCN-002	MWF-METALS-003 / MWF-HCN-003	MWF-METALS-004 / MWF-HCN-004	MWF-METALS-005	MWF-METALS-006	MWF-METALS-007	MWF-METALS-008		
	Sample Date:	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016		
	Laboratory Job	0/13/2010	0/13/2010	0/13/2010	0/13/2010	0/13/2010	0/13/2010	0/13/2010	0/13/2010		
	Number:	82527	82527	82527	82527	82549	82549	82549	82549		
	Adult / Child /										
D	Duplicate: Units										
Parameters Hydrogen Cyanide /	Cints		1	<u> </u>				1	<u> </u>		
NIOSH-6010	mg/m³	ND<0.125	ND<0.125	ND<0.125	ND<0.125						
Metals / NIOSH-7303	(M)										
Aluminum	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	0,992	1,25	1,69	0,345		
Antimony	μg/m³	ND<0.25	5.43	ND<0.25	ND<0.25	0.412	ND<0.25	ND<0.25	ND<0.25		
Arsenic	μg/t	25		ND<0.25	5	NI	0.25		ND<0.25		
Barium	μg/t		9.23	79			0.25		ND<0.25		
Beryllium	μg/t	ND<0.23	0.25	25		NI	ND<0.25	D<0.25	ND<0.25		
Cadmium	μg/r	ND<0.25	4	N 25	D<0.	NI	ND<0.25	D<0.25	ND<0.25		
Calcium	μg/i	ND<0.25	0.25	25	5.55		5,49	8.08	2.69		
Chromium	μg/r	1.53	0	6	1.42	NI	ND<0.25	D<0.25	0.646		
Cobalt	μg/t	ND<0.25		ND<0.25	ND<0.25	NI	D<0.25	D<0.25	ND<0.25		
Copper	μg/t	ND<0.25	5	ND<0.25	ND<0.25		ND<0.25	D<0.25	ND<0.25		
Iron	μg/ι	3.14	0.25	ID<0.25			0.895	4.10	ND<0.25		
Lead	μg/r	ND<0.25	6	<0.25	ND<0.25		ND<0.25	D<0.25	ND<0.25		
Magnesium	μg/t	1.16	0		1.36		2.47	2.11	0.386		
Manganese	μg/t		0.25		ND<0.25	NI	ND<0.25	D<0.25	ND<0.25		
Molybdenum	μg/ι π	V.25	0.25	ND	ND<0.25	NI O.23	ND<0.25	D<0.25	ND<0.25		
Nickel	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
Potassium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	7.43	0.432	0.887	ND<0.25		
Selenium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
Sodium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	5.82	7.01	8.44	2.41		
Thallium	μg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
Vanadium	μg/m³	0.399	0.405	1.81	0,327	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
Zinc	μg/m³	ND<0.25	6.25	ND<0.25	0.423	6.52	ND<0.25	0.307	ND<0.25		

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Notes:

Bold results indicate detected compounds.

Highlighted results exceed applicable limits for characteristic hazardous wastes.

ND<X = constituents(s) not detected at or above method detection limit

* = concentration amended based on contamination in blank sample

J = analyte was detected. However, analyte concentration is an estimated value which is between the method detection limit (MDL) and the practical quantitation limit (PQL)

 $mg/m^3 = milligram per cubic meter$ $\mu g/m^3 = microgram \ per \ cubic \ meter$

> DRAFT - DO NOT REPRODUCE DRAFT - DO NOT REPRODUCE Page 1 of 5

> > ED_001052_00001607-00001

Table 2 **Draft Outdoor Air Analytical Results** Fruitland Magnesium Fire Maywood, Los Angeles County, California

			T	1111, 11004, 1	Los Angeles County, Cam	1					
	Home:	Ex. 6 - Personal Privacy									
	Field Sample ID:	MWF-METALS-009	MWF-METALS-010	MWF-METALS-022	MWF-METALS-031	MWF-METALS-032	MWF-METALS-033	MWF-METALS-034	MWF-METALS-035		
	Sample Date:	6/16/2016	6/16/2016	6/17/2016	6/18/2016	6/18/2016	6/20/2016	6/19/2016	6/19/2016		
	Laboratory Job Number:	82565	82565	82565	82565	82565	82717	82565	82565		
	Adult / Child /	82303	82303	82303	82505	82505	82/1/	82303	82303		
	Duplicate:										
Parameters	Units										
ydrogen Cyanide / IOSH-6010	mg/m³										
etals / NIOSH-7303(M)										
luminum	μg/m³	1.22	0,643	1.33	0.804 *	0.468 *	ND<0.25	0,649	0,539		
ntimony	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
rsenic	μg/ı	25		ND<0.25	5	NI	0.25		ND<0.25		
rium	μg/ı		7.23	0.25			0.25		ND<0.25		
eryllium	μg/r	ND<0.23	0.25	25		NI	ND<0.25	D<0.25	ND<0.25		
dmium	μg/t	ND<0.25	0.25	N 25	D<0.	NI	ND<0.25	D<0.25	ND<0.25		
lcium	μg/ı	7.87 *	*		0.853		2.43	1.76 *	1.02 *		
nromium	μg/r	ND<0.25	0.25	0.25	0.445 *	ND *	0.405	D<0.25 *	ND<0.25 *		
balt	μg/r	ND<0.25		ND<0.25	ND<0.25	NI	D<0.25	D<0.25	ND<0.25		
opper	μg/1	ND<0.25	0.25	ND<0.25	ND<0.25	NI	ND<0.25	D<0.25	ND<0.25		
on	μg/i	1.50 J	6 J	1.53			0.899	D<0.25	ND<0.25		
ead	μg/r	ND<0.25	0.25	< 0.25	ND<0.25	NI	ND<0.25	D<0.25	ND<0.25		
agnesium	μg/r	7.91	14		2.62		1.03	0.760	0.690		
anganese	μg/ı		0.25		ND<0.25		ND<0.25	D<0.25	ND<0.25		
olybdenum	μg/m	0.25	0.25	ND	ND<0.25	NL	ND<0.25	D<0.25	ND<0.25		
ckel	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
tassium	μg/m³	ND<0.25	ND<0.25	1.07	ND<0.25	1,38	ND<0.25	ND<0.25	ND<0.25		
lenium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
dium	μg/m³	3.80	3.71	4.20 *	2.35 *	1.93 *	3.20	2.02	1.86		
allium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
anadium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
inc	ug/m³	0.295	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		

Zinc µg/m

Notes:

Bold results indicate detected compounds.

Highlighted results exceed applicable limits for ND<X = constituents(s) not detected at or above the concentration amended based on contamin J = analyte was detected. However, analyte compounds in the content of th

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 $mg/m^3 = milligram per cubic meter$

 $\mu g/m^3 = microgram \ per \ cubic \ meter$

Table 2 Draft Outdoor Air Analytical Results Fruitland Magnesium Fire

				Maywood,	Los Angeles County, Calif	ornia				
	Ноте:	Ex. 6 - Personal Privacy								
	Field Sample ID:	MWF-METALS-036	MWF-METALS-037	MWF-METALS-038	MWF-METALS-043	MWF-METALS-046	MWF-METALS-047	MWF-METALS-068	MWF-METALS-069	
	Sample Date:	6/20/2016	6/20/2016	6/20/2016	6/20/2016	6/22/2016	6/22/2016	6/23/2016	6/23/2016	
	Laboratory Job Number:	82717	82717	82717	82717	82731	82731	82746	82746	
	Adult / Child /	62/1/	62/1/	82/1/	62/1/	82/31	82/31	82/40	82/40	
	Duplicate:									
Parameters	Units									
Hydrogen Cyanide / NIOSH-6010	mg/m³									
Metals / NIOSH-7303(
Aluminum	μg/m³	ND<0.25	ND<0.25	0.347	ND<0.25	ND<0.25	0.303	0.334	0.497	
intimony	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	
rsenic	μg/r	25		ND<0.25	5	NI	0.25		ND<0.25	
arium	μg/t		7.23	0.25		NI	0.25		ND<0.25	
eryllium	μg/r	ND<0.23	0.25	25		NI	ND<0.25	D<0.25	ND<0.25	
admium	μg/t	ND<0.25	0.25	1 25	D<0.	NI	ND<0.25	D<0.25	ND<0.25	
alcium	μg/t	2.43	8		1.42	1	5.44 *	1.14 *	1.43 *	
Thromium	μg/r	0.395	32	46	0.304	ND *	ND<0.25 *	D<0.25	ND<0.25	
Cobalt	μg/t	ND<0.25		√D<0.25	ND<0.25	NI	D<0.25	D<0.25	ND<0.25	
Copper	μg/t	ND<0.25).25	ND<0.25	ND<0.25	NI	ND<0.25	D<0.25	ND<0.25	
on	μg/t	ND<0.25	51	ID<0.25		NI	0.480	D<0.25	ND<0.25	
ead	μg/t	ND<0.25	0.25	<0.25	ND<0.25	NI	ND<0.25	D<0.25	ND<0.25	
lagnesium –	μg/ı	0.849	12		0.792		0.764	0.467	0.626	
langanese	μg/t		0.25	, I	ND<0.25	NI	ND<0.25	D<0.25	ND<0.25	
1olybdenum	μg/m		0.25	ND	ND<0.25	NI	ND<0,25	D<0.25	ND<0.25	
lickel	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	
otassium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	1.29	1.52	ND<0.25	ND<0.25	
elenium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	
odium	μg/m³	0.923	1.36	2.85	2.80	0.301	2.80	1.91	2.20	
hallium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	
anadium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	
Zinc	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	0.364	ND<0.25	ND<0.25	

Notes:
Bold results indicate detected compounds.
Highlighted results exceed applicable limits ft
ND<X = constituents(s) not detected at or abt
* = concentration amended based on contamin
J = analyte was detected. However, analyte co

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Table 2 Draft Outdoor Air Analytical Results Fruitland Magnesium Fire

					land Magnesium Fire os Angeles County, Califor	nia					
	Home:	Ex. 6 - Personal Privacy									
	Field Sample ID:	MWF-METALS-107	MWF-METALS-108	MWF-METALS-120	MWF-METALS-121	MWF-METALS-146	MWF-METALS-147	MWF-METALS-148	MWF-METALS-149		
	Sample Date:	6/24/2016	6/24/2016	6/25/2016	6/25/2016	6/26/2016	6/26/2016	6/27/2016	6/27/2016		
	Laboratory Job Number:	82851	82851	82856	82856	82856	82856	82873	82873		
	Adult / Child / Duplicate:	62631	02001	62650	62630	62650	62630	62673	02075		
Parameters	Units										
Hydrogen Cyanide / NIOSH-6010 Metals / NIOSH-7303(mg/m³										
Aluminum	μg/m ³	0,298 *	0.405 *	ND<0.25	ND<0.25	ND<0.25	ND<0.25	0.427 *	0,328 *		
intimony	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
rsenic	μg/m³		1	VD<0,25		NI NI	0.25		ND<0.25		
arium	μg/m ³		1	25		NI	0.25		ND<0.25		
Beryllium	μg/m ²	ND<0.25	1 25	N 55	A	NE	ND<0.25	ND<0.25	ND<0.25		
Cadmium	μg/m³	ND<0.25	N 25	NI	D <0.2	NI	ND<0.25	ND<0.25	ND<0.25		
Calcium	μg/m ³	1.13 *		Ŋ	0.585 *		8.61	2.64 *	1.27 *		
Chromium	μg/m³	ND<0.25 *	N 5 *	.25	ND<0.25	0.00	0,270	0,407	ND<0.25		
Cobalt	μg/m ³	ND<0.25	1	10<0.25	ND<0.25	NE	JD<0.25	VD<0.25	ND<0.25		
Copper	μg/m ³	ND<0.25	1 25	ND<0.25	ND<0.25	NE	ND<0.25	ND<0.25	ND<0.25		
ron	μg/m³	ND<0.25	l l	9.444		NI	ND<0.25	1.16	0.940		
ead	μg/m ³	ND<0.25	N 25	0.25	ND<0.25	NE	ND<0.25	ND<0.25	ND<0.25		
Magnesium	μg/m³	0.473 *	*		0,574	0	0,910	0,650 *	0.568 *		
f anganese	μg/m ³		1 25	N.	ND<0.25	NE	ND<0.25	ND<0.25	ND<0.25		
Iolybdenum	μg/m ³		N.2-0.25	ND-	ND<0.25	ND	ND<0.25	ND<0.25	ND<0.25		
lickel	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
otassium	μg/m³	ND<0.25	ND<0.25 *	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
elenium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
odium	μg/m³	2.80	2.49	1.32	3.20	5.20	1.52	0.517 *	ND<0.25 *		
'hallium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
anadium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		
linc	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25		

Notes:
Bold results indicate detected compounds.
Highlighted results exceed applicable limits ft ND<X = constituents(s) not detected at or about the concentration amended based on contamir J = analyte was detected. However, analyte compound the content of the c

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Draft Outdoor Air Analytical Results Fruitland Magnesium Fire
Maywood, Los Angeles County, California

		Maywood, Lo	s Angeles County, Californ	ia						
	Home:	Ex. 6 - Personal Privacy								
	Field Sample ID:	MWF-METALS-200	MWF-METALS-201	MWF-METALS-207	MWF-METALS-208					
	Sample Date:	6/27/2016	6/27/2016	6/30/2016	6/30/2016					
	Laboratory Job	0.000		0.0.00	0000					
	Number: Adult / Child /	82873	82873	82950	82950					
	Duplicate:									
Parameters	Units									
Hydrogen Cyanide /	,									
NOSH-6010 Metals / NIOSH-7303	mg/m ³									
Aluminum	· /	ND<0.25 *	ND<0.25 *	0.349	0.418					
	$\mu g/m^3$ $\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25					
Antimony	μg/m	ND<0.25	Y 5	NI NI	<0.25					
		0.25		N	<0.25					
Beryl	μg/m μg/m ³	5		NI 5	ND<0.25					
Cadmiu	μg/m ³	N 5	D<0.	NI	ND<0.25					
Calcium	μg/m ³		0,939 *	***	3.45					
	μg/m	.25	ND<0.25	N	ND<0.25					
Chromiun		ND<0.25	ND<0.25	N	ND<0.25					
Cobalt	μg/m³	ND<0.25	ND<0.25	N	ND<0.25					
Copper	$\mu g/m$ $\mu g/m^3$	D<0.25		N 5	ND<0.25					
ron		0.25	ND<0.25	N 5	ND<0.25					
lead	μg/m ³	5 *	0.353 *	117	1.21					
	μg/m ³		ND<0.25	N	ND<0.25					
rese	μg/m ³	ND	ND<0.25	NI	ND<0.25					
Molybdenum	μg/m ³		ND<0.25	ND <0.25						
Vickel	μg/m³	ND<0.25	ND<0.25 ND<0.25	ND<0.25	ND<0.25					
otassium	μg/m³	ND<0.25		ND<0.25	ND<0.25					
Selenium	μg/m ³	ND<0.25	ND<0.25	ND<0.25	ND<0.25					
odium	μg/m ³	1.26 *	1.03 *	6.90	7.00					
Thallium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25					
/anadium	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25					
Zinc	μg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25					

Notes:
Bold results indicate detected compounds.
Highlighted results exceed applicable limits ft
ND<X = constituents(s) not detected at or ab:
* = concentration amended based on contamir
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